

(1)

## Hepatocellular Carcinoma

Young Nyun Park, M.D., Chanil Park, M.D.

Department of Pathology Yonsei University College of Medicine

### MICROSCOPIC FINDING

가 3 (trabecular) (compact) Kupffer (stellate cell, perisinusoidal cell) 가

### COMMENT

**Figure 1.** Gross feature of small hepatocellular carcinoma with distinct margin and macronodular cirrhosis.

### DIAGNOSIS

- Hepatocellular carcinoma, well to moderately differentiated, expanding growth type with distinct margin
- Cirrhosis, macronodular, B viral

CD68 Kupffer

Kupffer 가 ,

### GROSS FINDING

- 가 2cm 가 .
1. , , . , 1  
 , : , 1992:209- 226.
  2. , , . Kupffer  
 1989;

- Figure 2.** A, Microscopic finding of well to moderately differentiated hepatocellular carcinoma (HCC). B, CD68 positive Kupffer cells in the sinusoids of HCC. C, CD34 positive sinusoidal endothelial cells in HCC. D, smooth muscle actin positive stellate cells in sinusoids of HCC.
- 23:305- 310.
  3. , , .  
Kupffer .  
1992;26:247- 25.
  4. Park YN, Yang CP, Cubukcu O, Thung SN, Thiese ND. Hepatic stellate cell activation in dysplastic nodules; evidence for an alternate hypothesis concerning human hepatocarcinogenesis. Liver 1997;17: 271- 274.